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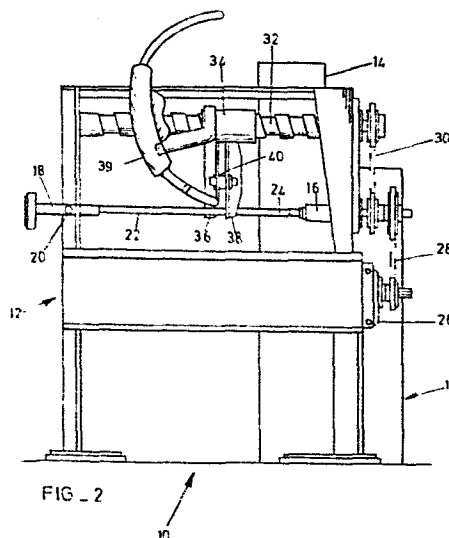
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AT BE CH DE FR GB IT LI LU NL SE(71) Applicant: **SUPER STEEL STAINLESS EXHAUSTS (PTY) LTD**
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(54) Winding machine.

(57) A machine (10) for winding a metal band helically on to a cylinder includes a winding machine (12) and a corrugating machine (14). The winding machine (12) has spindles (16,18) and a cylinder (22). Guide prongs (36,38) guide a metal band on a tube 22 for forming a helix. A welding gun (39) welds the sides of the helix as it is formed.



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EUROPEAN SEARCH REPORT

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Application number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 82306150.2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Y	<u>US - A - 2 600 630 (FERGUSON)</u> * Column 2, lines 8-24; fig. 1-3 * --	1-6	B 21 C 37/12
Y	<u>FR - A1 - 2 481 619 (PROV & VERKTYG)</u> * Page 5, line 3; claims 1,2; fig. 1,2 * --	1,2,4	
Y	<u>US - A - 1 570 117 (ZIMMERMANN)</u> * Page 2, lines 2-26; page 3, lines 103-105; fig. 1,2 * --	1-6	
A	<u>US - A - 3 606 783 (LEWIS)</u> * Column 2, lines 19-23; column 3, line 44; fig. 1,2 * ----	1,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 21 C 37/00 B 21 D 13/00 B 23 K 11/00
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		25-04-1983	TROJAN
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	